



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KIM, Dong-Hwan et al.
Assignee: Samsung Electronics Co., Ltd.
Title: LIQUID CRYSTAL DISPLAY, AND APPARATUS AND METHOD OF DRIVING LIQUID CRYSTAL DISPLAY
Application No.: 10/728,000 Filing Date: 12/03/2003
Examiner: Michael Pervan Group Art Unit: 2629
Docket No.: ABS-1350 US Confirmation No.: 7158

San Jose, California
June 6, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§1.56, 1.97 and 1.98**

Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application.

Citation of these documents shall not be construed as:

- (1) an admission that the documents are necessarily prior art with respect to the instant invention;
- (2) a representation that a search has been made, other than as described above; or
- (3) an admission that the information cited herein is, or is considered to be material to patentability.

Enclosed with this statement are the following:

- ☒ Form PTO-1449 (*Substitute*). The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited document as required by 37 C.F.R. §1.98 (*except where otherwise indicated*).

Complete copies are not submitted of U.S. patents and U.S. patent application publications per 37 C.F.R. §1.98(a)(2)(ii), and copies are not submitted of documents already cited or submitted in a parent application from which benefit under 35 U.S.C. §120 is claimed per 37 C.F.R. §1.98(d).

This statement should be considered because:

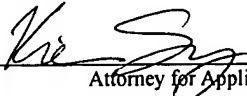
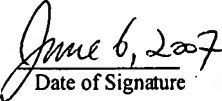
- ☐ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:
- ☐ It is being filed within 3 months of the application filing date of a national application other than a continued prosecution application under §1.53(d);
-- OR --
 - ☐ It is being filed within 3 months of entry of the national stage as set forth in §1.491 in an international application;
-- OR --
 - ☐ It is being filed before the mailing date of a first Office action *on the merits*;
-- OR --
 - ☐ It is being filed before the mailing date of a first Office action *after the filing of an RCE under §1.114*.

whichever occurs last.

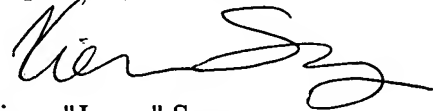
- ☒ Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:
- (1) It is being filed before the mailing date of a FINAL Office Action and before a Notice of Allowance or another action closing prosecution (whichever occurs first);
-- AND (check at least one of the following) --
 - ☒ (1) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p);
-- OR --
 - ☐ (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
- ☐ Although it may not qualify under subsections (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:
- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
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-- AND --
 - (3) It is filed on or before payment of the Issue Fee.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge any additional fee(s), charge any underpayment of fee(s), or credit any overpayment associated with this communication to Deposit Account No. 50-2257. A duplicate copy of this authorization is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 6, 2007.

 
Attorney for Applicant(s) Date of Signature

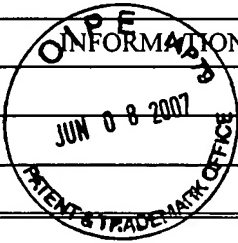
Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office				Atty. Docket No.		Serial No.		
				AB-1350 US		10/728,000		
				Applicant(s)				
(Use several sheets if necessary)				KIM, Dong-Hwan et al.				
				Filing Date		Group		
				12/03/2003		2629		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	20010046002	11/29/2001	Lin et al.				
	AB	20020113768	08/22/2002	Lin et al.				
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AC	10-073843	03/17/1998	Japan				X
	AD	10-171412	06/26/1998	Japan				X
	AE	10-213814	08/11/1998	Japan				X
	AE	11-030789	02/02/1999	Japan				X
	AF	2001-21549	08/10/2001	Japan				X
	AG	2001-242477	09/07/2001	Japan				X
	AH	2002-23683	01/23/2002	Japan				X
	AI	2002-023709	01/25/2002	Japan				X
	AJ	100218525	06/10/1999	Korea				X
	AK	10-275954	09/25/2002	Korea				X
	AL	1998-076166	11/16/1998	Japan				X
	AM	1019990080838	11/15/1999	Korea				X
	AN	2002-0017434	03/07/2002	Korea				X
	AO	2002-0050040	06/26/2002	Korea				X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	English Language Abstract, JP Patent First Publication No. 10-073843, 03/17/1998, 1 page						
	AQ	English Language Abstract, JP Patent First Publication No. 10-171412, 06/26/1998, 1 page						
	AR	English Language Abstract, JP Patent First Publication No. 10-213814, 08/11/1998, 1 page						
Examiner			Date Considered					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>								

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Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AA	English Language Abstract, US Patent First Publication No. 6,069,600, 05/30/2000, (counterpart to JP 11-30789, 02/02/1999) 1 page						
	AB	English Language Abstract, US Patent First Publication No. 2001/0043178, 11/22/2001, (counterpart to JP 2001-215469, 08/10/2001) 1 page						
	AC	English Language Abstract, US Patent First Publication No. 2001/0033265, 10/25/2001, (counterpart to JP 2001-242477, 09/17/2001) 1 page						
	AD	English Language Abstract, US Patent First Publication No. 2002/0044127, 04/18/2002, (counterpart to JP 2002-23683, 01/23/2002) 1 page						
	AE	English Language Abstract, JP Patent First Publication No. 2002-023709, 01/25/2002, 1 page						
	AF	English Language Abstract, KR Patent First Publication No. 100218525, 06/10/1999, 1 page						
	AG	English Language Abstract, KR Patent First Publication No. 10-275954, 09/25/2002, 1 page						
	AH	English Language Abstract, US Patent First Publication No. 6,064,363, 05/16/2000 (counterpart to KR 1998-076166, 11/16/1998) 1 page						
	AI	English Language Abstract, KR Patent First Publication No. 1019990080838, 11/15/1999, 1 page						
	AJ	English Language Abstract, US Patent First Publication No. 2002/0047820, 04/25/2002 (counterpart to KR 2002-0017434, 03/07/2002) 1 page						
	AK	English Language Abstract, US Patent First Publication No. 2002/0075212, 06/20/2002 (counterpart to KR 2002-0050040, 06/26/2002) 1 page						
Examiner			Date Considered					
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